

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 04873/074001	SERIAL NO. 09/047,011
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Paul Dvorkis et al.	
		FILING DATE March 24, 1998	GROUP 2112

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>kof</i>	AA	5	7	4	2	0	3	8	04/21/98	Dvorkis et al.		
	AB	5	5	9	1	9	5	4	01/07/97	Spencer		
	AC	5	4	4	0	1	1	1	08/08/95	Eastman et al.		
	AD	5	4	2	0	4	1	1	05/30/95	Salatto, Jr. et al.		
	AE	5	3	3	2	8	9	2	07/26/94	Li et al.		
	AF	5	2	8	0	1	6	1	01/18/94	Niwa		
	AG	5	2	5	0	7	9	1	10/05/93	Heiman, et al.		
	AH	5	2	3	5	1	6	7	08/10/93	Dvorkis, et al.		
	AI	5	2	2	9	5	9	1	07/20/93	Heiman, et al.		
	AJ	5	2	1	8	1	9	0	06/08/93	Hardesty, et al.		
	AK	5	2	0	0	5	9	7	04/06/93	Eastman et al.		
	AL	5	1	9	4	7	2	0	03/16/93	Reinnagel, et al.		
	AM	5	1	7	0	2	7	7	12/08/92	Bard et al.		
	AN	5	1	1	5	3	3	4	05/19/92	Tomita		
	AO	5	0	8	1	6	3	9	01/14/92	Synder et al.		
	AP	5	0	7	3	9	5	4	12/17/91	Van Tyne, et al.		
	AQ	5	0	6	7	0	9	3	11/19/91	Przybylowicz, et al.		
	AR	5	0	6	4	2	5	8	11/12/91	Inokuchi, et al.		
	AS	5	0	4	7	6	1	7	09/10/91	Shepard, et al.		
	AT	5	0	3	4	9	0	4	07/23/91	Moy		
	AU	5	0	1	5	8	3	1	05/14/91	Eastman et al.		
	AV	5	0	1	3	8	9	5	05/07/91	Iggulden, et al.		
	AW	4	9	9	2	6	4	9	02/12/91	Mampe, et al.		
	AX	4	9	8	0	5	4	4	10/25/91	Winter		
	AY	4	9	3	3	5	3	8	06/12/90	Heiman, et al.		
	AZ	4	9	1	6	2	9	8	04/10/90	Raphael		
<i>kof</i>	AAA	4	8	9	6	0	2	6	04/23/90	Krichever, et al.		

EXAMINER

DATE CONSIDERED

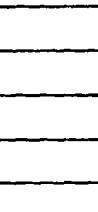
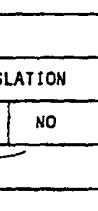
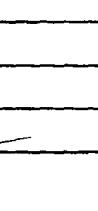
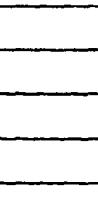
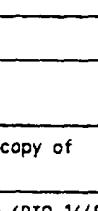
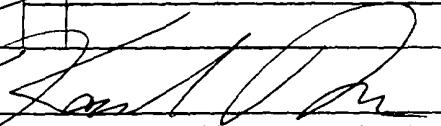
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 04873/074001	SERIAL NO. 09/047,011		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Paul Dvorkis et al.							
		FILING DATE March 24, 1998				GROUP 2112			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		PATENT NUMBER			ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KDF	BA	4	8	9	4	7	9	0	01/16/90 Yotsuya, et al.
	BB	4	8	6	0	2	2	6	08/22/89 Martin, et al.
	BC	4	8	4	1	1	2	9	06/20/89 Tawara et al.
	BD	4	8	2	6	2	6	9	05/02/89 Streifer, et al.
	BE	4	8	2	5	0	4	8	04/05/89 Poland
	BF	4	8	2	2	9	8	6	04/18/92 Guthmueller, et al.
	BG	4	8	2	0	9	1	1	04/11/89 Arackelian, et al.
	BH	4	7	9	5	2	8	1	01/03/89 Ulinski, Sr., et al.
	BI	4	7	7	7	3	5	7	10/11/88 Harada, et al.
	BJ	4	7	2	1	8	6	0	01/26/88 Troendle
	BK	4	7	0	5	9	3	9	11/10/87 Ulinski, Sr.
	BL	4	6	5	2	7	5	0	03/24/87 Eastman, et al.
	BM	4	6	4	1	0	1	8	02/03/87 Mazumder, et al.
	BN	4	6	0	6	6	6	0	08/19/86 Bradshaw, et al.
	BO	4	5	7	0	0	5	7	02/11/86 Chadima, Jr., et al.
	BP	4	5	6	0	8	6	2	12/24/85 Eastman et al.
	BQ	4	5	5	5	1	6	4	11/26/85 Feinblom
	BR	4	5	3	8	8	9	5	09/03/85 Higgins, et al.
	BS	4	5	0	8	6	8	6	04/02/85 Shaber, et al.
	BT	4	5	0	0	7	7	6	02/19/85 Laser
	BU	4	3	6	9	3	6	1	01/18/83 Swartz, et al.
	BV	4	3	6	0	7	9	8	11/23/82 Swartz, et al.
	BW	4	1	9	9	8	1	6	04/22/80 Humphrey
	BX	3	8	7	1	7	4	8	03/18/75 Day
	BY	3	7	9	0	7	5	6	02/05/74 Graves, et al.
	BZ	3	7	8	0	2	7	0	10/18/73 Faulkner, et al.
	BAA	3	3	9	6	3	4	4	08/06/68 Broom
KDF	BAB	3	0	5	1	0	5	1	08/28/62 Jeffree
EXAMINER					DATE CONSIDERED	1/1/03			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA						
CB						
CC						
CD						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
KDF	CE WO 94/01835	01/20/94	PCT			YES NO
	CF WO 93/18478	09/16/93	PCT			
	CG 0 589 361	03/30/94	Europe			
	CH 0 492 065	01/07/92	Europe			
	CI 0 385 478	09/05/90	Europe			
	CJ 0 249 713	12/23/87	Europe			
	CK 3602008	07/30/87	Germany			ABSTRACT
	CL 0198175	08/29/91	Japan			YES
	CM 3-127191	05/30/91	Japan			ABSTRACT
	CN 1-93871	04/12/89	Japan			YES
	CO 61-120283	06/07/86	Japan			ABSTRACT
KDF	CP 55-88172	07/03/80	Japan			ABSTRACT
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)						
KDF	CO	"Quick Check 500" Brochure, Photographic Sciences, 2 pages, 1989				
KDF	CR	Barkan, Automatic I.D. News, "Author Verifies the Key to Bar Coding Success", (Nov. 1988)				
KDF	CS	Grabowski, et al., "Code Reading Mechanical Scanning Gun", IBM Technical Disclosure Bulletin, Vol. 5, No. 5 October 1962				
EXAMINER		DATE CONSIDERED		(b) (4)		
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KOP	AA	5 4 3 8 1 8 7	08/01/95	Reddersen et al.	235	462	
	AB	5 3 0 4 7 8 8	04/19/94	Metlitsky et al.	235	467	
	AC	5 2 9 1 3 1 9	03/01/94	Harris	359	18	
	AD	5 2 5 4 8 4 4	10/19/93	Krichever et al.	235	462	
	AE	5 2 3 3 1 7 0	08/03/93	Metlitsky et al.	235	462	
	AF	5 2 1 0 3 9 8	05/11/93	Metlitsky	235	462	
KOP	AG	4 7 4 8 3 1 6	05/31/88	Dickson	235	454	
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
KOP	AL	60-195639	3/1984	Japan			YES NO
	AM						
	AN						
	AO						
	AP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
KOP	AQ	Yamazaki et al., "New Holographic Technology for a Compact POS Scanner," Applied Optics, Vol. 29, No. 11 (April 1990)					
	AR						
	AS						
EXAMINER				DATE CONSIDERED		1/7/04	
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EXAMINER INITIAL		PATENT NUMBER			ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KDK	AA	5	6	7	1 0 8 4	09/23/97	Kurtz		359	362	
	AB										
	AC										
	AD										
	AE										
	AF										
	AG										
	AH										
	AI										
	AJ										
	AK										
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION											
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE			CLASS	SUBCLASS	TRANSLATION		
									YES	NO	
	AL										
	AM										
	AN										
	AO										
	AP										
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)											
	AQ										
	AR										
	AS										
EXAMINER							DATE CONSIDERED	1/7/04			
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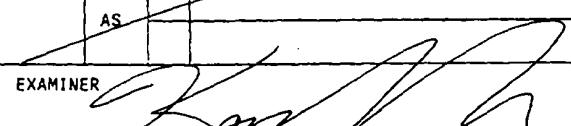
U.S. PATENT DOCUMENTS

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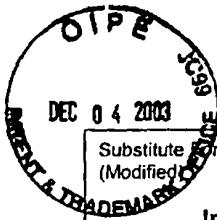
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KDF	AL 6-150039	5/1994	Japan				Abstract
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ		
AR		
AS		
EXAMINER		DATE CONSIDERED 1/10/94

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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04873-074002	Application No. 10/050,625
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Dvorkis et al.	
		Filing Date January 16, 2002	Group Art Unit 2876

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KDF	AA	6575368	06/10/03	Tamburrini et al.			
KDV	AB	5149949	09/22/92	Wike, Jr.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AL						
	AM						
	AN						
	AO						
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
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